ACER ALTOS G5450

TECHNOLOGY BY ACER

ACER ALTOS SOLUTIONS

HIGHLIGHTS

- Leading edge technology workgroup server with 64 Bit Processing technology
- Quad-Core processor support with Hypertransport™ technology
- Flexible and modular design
- Best in class redundancy solutions
- Best in class performance
- Comprehensive systems management and installation solutions

The Acer Altos G5450 provides outstanding performance to workgroups by combining scalability and new availability features at an affordable price. Advanced capabilities make the server easy to manage, which can help control IT expenses. Redundancy features such as redundant power supplies and native RAID solutions are offered on the Acer Altos G5450. The Acer Altos G5450 also offers you the possibility to upgrade to enterprise server features such as redundant arrays of storage, in a flexible and affordable manner.

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Acer Altos G5450

Acer Altos Solutions

64 Bit and Dual-Core performance

Flexible systems design methodologies allow you to configure the Acer Altos G5450 to match your budget. The Acer Altos G5450 is based on AMD Opteron technology which enables you to run tomorrows 64 bit applications on this platform. In addition to a clear 64 Bit migration path, the Acer Altos G5450 also offers Quad-Core support in a pedestal platform. System performance can be scaled in line with your business growth, by the addition of a second processor or multiple core processors. The Acer Altos G5450 can support up to 8 Cores,thereby offering industry leading performance levels. Redundant power supplies and redundant Hot-swap hard disk drives provide affordable performance and data protection. The Acer Altos G5450, as with all the Acer Altos family, is fully convertible from a tower to a rack mountable form factor (5U).

Best in class redundancy and scalability solutions

The Acer Altos G5450 allows you to configure the system, to adapt to your business requirements. Hot-swap features allow you to perform system maintenance without any system downtime.

- Integrated SATA S/W RAID 0, 1, 5, 10
- Optional SAS RAID add-on card for SAS H/W RAID support
- Up to 8 Hot-swap hard disk drive support
- Up to 64GB of ECC Memory support
- Hot-swap power supply support
- Five PCI slots to increase I/O bandwidth for improved performance and productivity
- Hotswap redundant fan kit
- Integrated Dual-Gigabit Ethernet for fast connectivity

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI Based process and by providing all relevant tools to set up your Acer Altos G5450. Advanced Server Manager software makes comprehensive systems management easy.ASM provides performance management and critical event management services to network administrators. These components help you control IT expenses by making the Acer Altos G5450 simple and efficient to manage.

Typical solution scenarios

- Workgroup application services
- File, print and fax services
- Groupware
- Domain controller
- DNS Server

Specification**

Processor	• Dual AMD Opteron™ 2000 Series, Dual Core & Quad Core Processors****
	• AMD virtualization technology (AMD-V)
	• Integrated memory controller
	• Simultaneous 32-bit and 64-bit computing (AMD64 technology)
Operating Systems supported	• Microsoft® Windows Server™ 2003 Enterprise Edition
	• Microsoft® Windows Server™ 2003 Enterprise Edition x64
	• Red Hat® Enterprise Linux® Advanced Server 4.0
	• Red Hat® Enterprise Linux® Advanced Server 4.0 x64
	• SUSE® Linux Enterprise Server 10
	• SUSE® Linux Enterprise Server 10 x64
Form factor	• Tower/5U
Number of processors (std/max)	• 1/2
Memory (max)	• Support DDR2-667 Registered ECC Memory Modules up to 16 DIMM slots
	• Single-processor supports memory capacity of 32GB***
	• Dual-processor supports memory capacity of 64GB***
	• Memory sparing
Expansion slots	5 total standard PCI slots
	• One PCI-Express x16Slot with x16 throughput
	• One PCI-Express x8 slot with x4 throughput
	• One PCI-Express x16 slot with x8 throughput
	• Two 32-bit/33 MHz PCI Bus Slots
Storage interface	• Integrated 6-port SATA2 onboard
	• Optional add-on SAS HBA or SAS RAID card
Disk bays (total/hot-swap)	• 8 SATA or SAS disks
	• 8 SATA or SAS Hotswap option, in two Cage Bays
	• 3 5.25" bay
Maximum internal storage	• 6.0TB SATA (8 750GB SATA drives)
	• 2.4TB SAS (8 300GB SAS drives)
Network	• Integrated dual-port gigabit Ethernet
	- With TCP Offload Enginer
Power supply (std/max)	• 610W (1+1) hot-swap redundant power supply (1/2)
Hot swap components	• Optional Hard Disk Drives
	• Redundant Power Supply
	• Hotswap Redundant Fans (N+1 Redundancy)
RAID support	• Integrated SATA S/W RAID 0, 1, 5 & 10
	• Optional SAS S/W RAID 0, 1, 5 & 10 support via add-on SAS HBA
	• Optional SAS H/W RAID 0, 1, 5, 6 & 10 support via add-on SAS RAID card
Security features	• Acer Altos Easydiagnostics
	- Power status LED
	- HDD access LED
	- LAN activity LED
	• Chassis intrusion alert
	• Lockable door
Systems management	• Acer Altos Easybuild
	• Acer Altos Advanced Server Manager v7.1
	• Acer Altos Remote Management Card option kit
Warranty	3* Years on-site

*Verify specific warranty conditions on local Web sites.

**Verify specific model characteristics & configuration on Local Price list or Acer Web site.

*** When 4GB DIMM's are available

**** When Quad Core CPU's are available

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